IT PROJECT EVALUATION

Project Tracking No.: P-007-FY03-Corr.

Return on Investment Program Funding Application (FY 2003 Request)

This is an electronic template. Please enter your responses on this document. Only electronic submittals of this template will be accepted. Proposals submitted after the designated due date may not receive funding consideration.
FINAL AUDIT REQUIRED: The Enterprise Quality Assurance Office of the Information Technology Department is required to perform a final project outcome audit, after implementation, for all Pooled Technology funded projects.

SECTION I: PROPOSAL

Date: July 6, 2001

Agency Name: Iowa Department of Corrections

Project Name: ICON - Iowa Corrections Offender Network

Expenditure Name: ICON- Iowa Corrections Offender Network

Agency Manager: John R. Baldwin

Agency Manager Phone Number / E-mail: (515) 242-5704 john.baldwin@doc.state.ia.us

Executive Sponsor (Agency Director or Designee): W. L. Kautzky, Director

Request For ROI Application Waiver:

Agencies are required to complete this funding application when requesting funds for any project, any IT expenditure costing over $100,000, or any non-routine IT expenditure. If you feel there is compelling reason to waive this requirement, please provide (in the box provided below) a brief description of the project or expenditure, the budget amount, and a rationale for the waiver request. Until a decision is made regarding your waiver request, it is not necessary to complete any other portion of this application. The ITD Enterprise Quality Assurance Office will convey waiver request decisions within five working days of receipt.

Explanation:

A. Project or Expenditure Rationale

Is this project or expenditure necessary for compliance with a Federal standard, initiative, or statute? ☐ **YES** (If "YES," explain) ☒ **NO**

Explanation:

Is this project or expenditure required by State statute? ☒ **YES** (If "YES," explain) ☐ **NO**

Explanation: Language contained in HF 530

Does this project or expenditure meet a health, safety or security requirement?
☒ **YES** (If "YES," explain) ☐ **NO**

Explanation: The project meets all health, safety, and security requirements for DOC. ICON will allow all employees to have complete information on all 55,000 offenders wer supervise. These requirements are defined in code and policy and rae available for your .

Is this project or expenditure necessary for compliance with an enterprise technology standard?
☒ **YES** (If "YES," explain) ☐ **NO**

Explanation: This project complies with all State and industry standards.

Is this project or expenditure consistent with meeting the goals and objectives of the State's strategic plans?
☒ **YES** (If "YES," explain) ☐ **NO**

Explanation: The project is consistent with the State Strategic Plan for Safe Communities and with the Governor's initiative for sharing criminal justice data.

Is this a "research and development" project or expenditure? ☒ **YES** (If "YES," explain) ☐ **NO**

Explanation: The University of Northern Iowa and the University of Iowa Hospitals and Clinics are involved with the development of ICON from a research standpoint.

B. Project or Expenditure Summary

1. Provide a pre-project or pre-expenditure (before implementation) and a post-project or post-expenditure (after implementation) description of the impacted system or process. In particular, note if the project or expenditure makes use of information technology in reengineering traditional government processes.

Response:
Pre-project: The ICON-Mercy system replaces, over the next 1-2 years, the Adult Corrections Data System (ACDS) mainframe data base with a web based application that dramatically impacts the correctional officer, warden, medical staff, dietary, central office, judges, public safety officials, and a host of related agencies. The ACDS system does not provide the end users with any useful data, nor does ACDS provide decision-makers, Governor, Legislature, judges, and executive staff with information to make crucial public safety decisions. Basically, public safety agencies, judges, and policy makers do not know what works and what doesn't for over 8,000 incarcerated felons. This project does make use of information technology to reengineer both an out of date data system as well as improving governmental processes.

Post-project: ICON will allow public safety agencies, judges, and policy makers to know what works and what does not work with Iowa's rapidly expanding prison population.

2. Summarize the extent to which the project or expenditure improves customer service to Iowa citizens or within State government. Included would be such items as improving the quality of life, reducing the government hassle factor, providing enhanced services, improving work processes, etc.

Response: The ICON-Mercury system provides massive tangible and intangible benefits to Iowa citizens and government employees. A partial list of benefits follows.

1. Provides for immediate information on all convicted felons in Iowa.
2. Allows front line institutional staff to have access to relevant information about the inmate they are dealing with.
3. Provides medical information to all medical, dental, and nursing staff.
4. Provides pharmacy formulary and drug interaction system to greatly reduce costs and negative medical reactions.
5. Makes the counting of inmates easier.
6. Determining which offender programs keep offenders from recidivating.
7. Provides for assessing the offenders needs with targeted diversion programs.
8. Tracks the offender through the various assigned programs. Allows the Department to provide services at the appropriate level.
9. Shares data with other agencies to avoid duplication of effort.
10. Provides for public safety through knowledge of the offender's actions.
11. Provides public information for such offense as sexual assault.
12. Complies with Governor's and legislative language that DOC develop ICON to be used by public safety agencies.
13. Greatly improves work process by moving from a paper and pencil system to a totally automated one.
14. Enhances the State of Iowa Code requirement for a criminal sanction continuum.
15. Allows for accurate computer projection of inmate offender population.

3. Identify the main project or expenditure stakeholders and summarize the extent to which each, especially citizens, is impacted. In particular, note if the project or expenditure helps reconnect Iowans to State government.

Response: The primary stakeholders are the Governor, Legislature, Director of Corrections, Corrections' staff, who will have accurate data with which to implement or redirect programs and staff to achieve the overall goal of safe communities. This is crucial so that communities are safe and that corrections resources can be invested wisely without waste.

- An equally important stakeholder is the offender that is under our supervision. These offenders deserve a chance at success in life and not endless opportunities to see the inside of a jail or prison.
- The staff of all public safety agencies need to know accurate and up to date information on the person they are dealing with.
- The general public needs to live in safe communities.
- Legislatures and policy makers need to know what works, what doesn't and how to make improvements.

SECTION II: PROJECT ADMINISTRATION

A. Agency Information

1. Project Executive Sponsor Responsibilities: The sponsor must have the authority to ensure that adequate resources are available for the entire project that there is commitment and support for the project, and that the organization will achieve successful project implementation.

Response: The sponsor has the appropriate authority.

2. Organization Skills:
   a. List the project management skills necessary for successful project implementation
   b. List the project management skills available within the agency
   c. List the source(s) of project management skills lacking within the agency
   d. Summarize relevant agency project management experience and results

Response: IT Project Management	Skills available within agency or from A-T-G
ROI expertise	Skills available within agency
Application Software	Skills available from A-T-G
Operating Software	Skills available from A-T-G
Interfaces	Skills available from agencies or A-T-G
User Participation	Skills available within agency
Compliance Standards	Skills available within agency
Training	Skills available within agency

The Department spent $150,000 for an outside consultant to provide an overall mission for their project. The document is available for your review and will be provided if requested, however, the document is rather lengthy and is in paper form only.

B. Project Information

1. History:
   a. Is this project the first part of a future, larger project? If so, please explain.
   b. Is this project a continuation of a previously begun project? If so, please explain project history, current status, and results.

Response: Listed below is our statement of beliefs that answer items A and B as well as provide overall direction for this project. These beliefs were supported by each of the 9 Wardens and the 180 front line staff that are working on the ICON-Mercury project.

Functioning with one database will give us the ability to centrally generate statistical reports which will be more efficient, accurate and timely than the current method of sending out surveys, completing file reviews, etc.

Through our ability to feed information to the data warehouse and through enhanced reporting capabilities, we can significantly improve the Criminal and Juvenile Justice Planning Agency's ability to analyze and evaluate criminal justice information statewide.
Through the improved report capabilities of ICON, Corrections will be able to more readily and accurately respond to legislative inquires.

The Department will be able to better determine the existence and location of resource gaps by capturing assessment, need and treatment intervention information tied to offenders

The system will be able to provide data, which can be analyzed to determine program effectiveness with respect to recidivism.

ICON will be able to provide an accurate "picture" of population profiles with respect to offense, sentence, risk, needs, violating behavior, time served, etc.

We believe that the system will improve upon staff efficiency.

We believe movement to one unified system statewide will virtually eliminate all duplicate data entry, which currently takes place. Today, information is entered in the ACDS system, only to be re-entered on local databases throughout nine prisons. Once ICON is in place, information will only be entered into the database once and then updated as necessary.

We believe ICON will create a reduction in the need for paper documents, as all information in the database will be readily available to workers in both the community-based corrections and institutions.

The system is designed so data entry is accomplished in an efficient manner. Selecting choices from drop-down boxes through "point and click" will improve the consistency of the data entered, and will also allow many line staff to enter their own data as opposed to the current procedure whereby they write data down on a piece of paper and hand it to clerical staff for entry into the system.

ICON is being developed with the intent to have interagency connectivity. This will completely eliminate some data entry into the system such as courts and public safety.

The ICON system will decrease the time we spend with word processing. Currently, we duplicate information in the database in Word documents. The system will be able to automatically populate some fields on forms such as pre-sentence investigation reports, discharge reports, violation reports etc.

2. Expectations: Describe the primary purpose or reason for the project.

Response: ICON will launch the Department into new technology moving from an outdated mainframe system to a Web browser based system. Using a Web browser based system will result in the decrease in the cost of hardware. There will be no need for dedicated database servers at each location resulting in a saving statewide.

This technology requires fewer IT staff for initial deployment and ongoing technical support than would be needed with a distributed database.

The system utilizes the Iowa Communications Network as the "backbone" of the system, which maximizes our use of the ICN as a state resource and is consistent with other agency architecture.

Movement to this technology places the Department in a position where we are poised to take advantage of emerging technology.

ICON will greatly enhance communication within Corrections as well as between corrections and other agencies. This will allow for the real time exchange of information, which is something that has not previously been possible. The same is true as extended to the general public.

Corrections (CBC and Institutions) will now have one offender database in which to store information. This information will be available to all staff and will be recorded in a consistent format understood by all users.

Plans are underway to connect Corrections, the Department of Public Safety and the Court system so that pertinent information is shared in a timely fashion.

The new technology will allow better inter and inter-agency communication resulting in more complete and consistent offender information from throughout the criminal justice system in Iowa.

The ICON technology will allow the transfer of public information to the Iowa Access Project resulting in the public having access to the data they have a right to view

3. Measures: Describe the criteria that will be used to determine if the project is successful.

Response: The ICON system will enhance our ability to measure correctional outcomes.

Functioning with one database will give us the ability to centrally generate statistical reports which will be more efficient, accurate and timely than the current method of sending out surveys, completing file reviews, etc.

Through our ability to feed information to the data warehouse and through enhanced reporting capabilities, we can significantly improve the Criminal and Juvenile Justice Planning Agency's ability to analyze and evaluate criminal justice information statewide.

Through the improved report capabilities of ICON, Corrections will be able to more readily and accurately respond to legislative inquires.

4. Environment: List the project participants (i.e. single agency, multiple agencies, State government enterprise, citizens, associations, or businesses, etc.).

Response: Project participants include: Courts, Public Safety, CJJP, Human Services, Work Force Development, Attorney General, County Attorneys, Ombudsman, Police.

5. Risk: Describe the project risks which may be internal or external to State government, i.e. implementing versus not implementing project, changing technology, potential cost overruns, changing citizen demand or need, etc.

Response: The risks are focused on public safety, staff safety, and knowledge of offenders and medical responsibility issues. The demand for accountable government has dictated that Corrections justify its programs and share data with the rest of the Criminal Justice network.

6. Security / Data Integrity / Data Accuracy / Information Privacy
   a. List the security requirements of the project
   b. Describe how the security requirements will be integrated into the project and tested
   c. Describe what measures will be taken to insure data integrity, data accuracy and information privacy.

Response: The ICON-Mercury data base system has been fully secluded from the rest of ICN. Our system is completely password controlled with staff being able to only access those screens that pertain directly to their job functions. Microsoft COM + Services insure data integrity and accuracy by enforcing that business rules are met before committing information to the database. Every transaction is flagged for user name and time. After three unsuccessful log in attempts to the front end the user is locked out. Users are not granted access to the data, instead they are granted execute permission to the COM + modules. These preprogrammed modules enforce the business rules regarding data access. This has the effect of not allowing alternate tools to access the database.

7. Project Schedule
   Describe general time lines, resources, tasks, checkpoints, deliverables, responsible parties, etc.

Response: ICON-Mercury is scheduled for completion during FY 03. Immediately thereafter, work will begin on updating ICON-Lite. ICON-Mercury has been broken down into the following parts: Medical due by 2-1-02, Time Computation due 4-1-02; Dietary due by 5-1-02; Pharmacy due by 2-1-02; Institution due by 9-91-02.

The responsible parties are the software vendor, Advanced Technologies Group (ATG) and the staff of the Iowa Department of Corrections. The staff of Corrections are represented by two user groups. One for Community-Based Corrections and the other for Institutions.

Check points are monthly.

SECTION III: TECHNOLOGY (In written detail, describe the following)

A. Current Technology Environment

1. Software (Client Side / Server Side / Midrange / Mainframe):
   a. Application software
   b. Operating system software
   c. Major interfaces to other systems, both internal and external

Response:	**Application software**
Client side:	Internet explorer version 5
Server side:	Microsoft SQL version 2000
Operating system software	
Client side:	Windows 95, 98, 2000 or NT
Servers side:	Windows 2000 advanced server
Mid-Range	Windows 2000 advanced server
Interfaces to other systems: Identify important or major interfaces to internal and external systems	
ICBC interface:	Text file transfer/FTP
Court interface:	Oracle
Public Safety:	Oracle
Data Warehouse:	Terra Data

2. Hardware (Client Side / Server Side / Mid-range / Mainframe):
   a. Platform, operating system
   b. Storage and physical environment
   c. Connectivity and bandwidth
   d. Logical and physical connectivity
   e. Major interfaces to other systems, both internal and external

Response:

- Platform, operating system, storage and physical environmental requirements.
  Server Side:
  - Platform: Compaq and equal file servers
  - Operating System: Windows 2000
- Storage and physical and environmental requirements: 308 gigabytes of storage; normal server requirements.

Client Side:
- Platform: Any PC compatible work station
- Operating System: Windows 95, 98, 2000 or NT
- Storage and Physical Environment: No additional requirements

- Connectivity and Bandwidth: If applicable, describe logical and physical connectivity.

  Connectivity and Bandwidth: Connectivity is ICN based using T-1 lines to institutions. PVC's are connected to A-T-G from all remote locations.

- Interfaces to other systems: Identify important or major interfaces to internal and external systems. ACDS, Court/Judicial, Public Safety and data warehouse are all handled by ICN connection.

B. Proposed Technology Environment

1. Software (Client Side / Server side / Mid-range / Mainframe)
   a. Application software
   b. Operating system software
   c. Major interfaces to other systems, both internal and external
   d. General parameters if specific parameters are unknown or to be determined

Response: See number 1 above.
- Application software.
- Operating system software.
- Interfaces to other systems: Identify important or major interfaces to internal and external systems.
- General parameters if specific parameters are unknown or to be determined.

2. Hardware (Client Side / Server Side / Mid-range / Mainframe)
   a. Platform, operating system
   b. Storage and physical environment
   c. Connectivity and Bandwidth
   d. Logical and physical connectivity
   e. Major interfaces to other systems, both internal and external
   f. General parameters if specific parameters are unknown or to be determined

Response: See Number 2 above.
- Platform, operating system, storage and physical environmental requirements.
- Connectivity and Bandwidth: If applicable, describe logical and physical connectivity.
- Interfaces to other systems: Identify important or major interfaces to internal and external systems.
- General parameters if specific parameters are unknown or to be determined.

C. Data Elements

If the project creates a new database, provide a description of the data elements.

Response:
- Specific software: SQL
- General description of data elements: 300 SQL data tables containing thousands of specific data elements related to the criminal justice system. Currently the system must support 266,261 offenders.

SECTION IV: Financial Analysis

A. Budget: Enter figures and calculate (see formula below) Total Annual Prorated Cost (State Share).

$$\left[\left(\frac{Budget\ Amount}{Useful\ Life}\right)\times \%\ State\ Share\right]+\left(Annual\ Ongoing\ Cost\times \%\ State\ Share\right)=Annual\ \Pr orated\ Cost$$

Budget Line Items	Budget Amount (1st Year Cost)	Useful Life (Years)	% State Share	Annual Ongoing Cost (After 1st Year)	% State Share	Annual Prorated Cost
Agency Staff	$	1	%	$	%	$
Software	$	4	%	$	%	$
Hardware	$1,000,000	3	%	$	%	$
Training	$	4	%	$	%	$
Facilities	$	1	%	$	%	$
Professional Services	$	4	%	$	%	$
ITD Services	$	4	%	$	%	$
Supplies, Maint, etc.	$	1	%	$	%	$
Other (Specify)	$100,000	1	%	$	%	$
Totals	$1,100,000	-------	-------	$	------	$

Transfer this amount to the ROI Financial Worksheet, item "D" on page 14.

B. Funding: Enter data or provide response as requested

1. This is (pick one):
   - ☒ A Pooled Technology Fund or Reengineering Fund Request
   - ☐ An Agency IT Expenditure or Budget Request (General Fund, Road Funds, etc)
   - ☐ Other – Specify:

2. On a fiscal year basis, enter the estimated cost by funding source?

	FY03		FY04		FY05	
	Cost ($)	% Total Cost	Cost ($)	% Total Cost	Cost ($)	% Total Cost
State General Fund	$	%	$	%	$	%
Pooled Tech. Fund	$	%	$	%	$	%
Federal Funds	$	%	$	%	$	%
Local Gov. Funds	$	%	$	%	$	%
Grant or Private Funds	$	%	$	%	$	%
Other Funds (Specify)	$	%	$	%	$	%
Total Project Cost	$	100%	$	100%	$	100%

If applicable, summarize prior fiscal year funding experience for the project / expenditure.

Response: A total of approximately $2,000,000 has been spent to date, FY 99, FY 00, and FY 01.

1. On a fiscal year basis, how much of the total ($ amount and %) project / expenditure cost would be absorbed by your agency from normal operating budgets (all funding sources)?

Response: I do not understand the question.

2. Identify, list, and quantify all new annual ongoing (maintenance, staffing, etc.) related costs (State $s) that will be incurred after implementation or expenditure.

Response: Maintenance $250,000, no staffing at this time.

C. ROI Financial Worksheet: Respond to the following and transfer data to the ROI Financial Worksheet (see IVC11) as necessary:

1. Annual Pre-Project Cost – Quantify all actual state government direct and indirect costs (personnel, support, equipment, etc.) associated with the activity, system or process prior to project implementation. This section should be completed only if state government operations costs are expected to be reduced as a result of project implementation.

Response:

2. Annual Post-Project Cost – Quantify all estimated State government direct and indirect costs associated with activity, system or process after project implementation. This section should be completed only if State government operations costs are expected to be reduced as a result of project implementation.

Response:

3. State Government Benefit -- Subtract the total "Annual Post-Project Cost" from the total "Annual Pre-Project Cost." This section should be completed only if State government operations costs are expected to be reduced as a result of project implementation.

Response:

4. Citizen Benefit – Quantify the estimated annual value of the project to Iowa citizens**.** This includes the "hard cost" value of avoiding expenses ("hidden taxes") related to conducting business with State government. These expenses may be of a personal or business nature. They could be related to transportation, the time expended on or waiting for the manual processing of governmental paperwork such as licenses or applications, taking time off work, mailing, or other similar expenses. As a "rule of thumb," use a value of $10 per hour for citizen time savings and $.325 per mile for travel cost savings.

Response:

5. Opportunity Value/Risk or Loss Avoidance Benefit – Quantify the estimated annual non-operations benefit to State government. This could include such items as qualifying for additional matching funds, avoiding the loss of matching funds, avoiding program penalties/sanctions or interest charges, avoiding risks to health/security/safety, avoiding the consequences of not complying with State or federal laws, providing enhanced services, avoiding the consequences of not complying with enterprise technology standards, etc.

Response:

6. Total Annual Project Benefit -- Add the values of all annual benefit categories.

Response:

7. Total Annual Project Cost – It is necessary to estimate and assign a useful life figure to each cost identified in the project budget. Useful life is the amount of time that project related equipment, products, or services are utilized before they are updated or replaced. In general, the useful life of hardware is three (3) years and the useful life of software is four (4) years. Depending upon the nature of the expense, the useful life for other project costs will vary between one (1) and four (4) years. On an exception basis, the useful life of individual project elements or the project as a whole may exceed four (4) years. Additionally, the ROI calculation must include all new annual ongoing costs that are project related. Completing Section IV-A, Project Budget of the evaluation document will provide all the necessary information for this item.

Response:

8. Benefit / Cost Ratio – Divide the "Total Annual Project Benefit" by the "Total Annual Project Cost." If the resulting figure is greater than one (1.00), then the annual project benefits exceed the annual project cost. If the resulting figure is less than one (1.00), then the annual project benefits are less than the annual project cost.

Response:

9. ROI -- Subtract the "Total Annual Project Cost" from the "Total Annual Project Benefit" and divide by the amount of the requested State IT project funds.

Response:

10. Benefits Not Readily Quantifiable -- List the project benefits which are not readily quantifiable (i.e. IT innovation, unique system application, utilization of new technology, hidden taxes, improving the quality of life, reducing the government hassle factor, meeting a strategic goal, etc.). Rate the importance of these benefits on a "1 – 10" basis, with "10" being of highest importance. Check the "Benefits Not Readily Quantifiable" box in the applicable row.

Response:

11. ROI Financial Worksheet

Annual Pre-Project Cost - How You Perform The Function(s) Now	
FTE Cost (salary plus benefits):	$
Support Cost (i.e. office supplies, telephone, pagers, travel, etc.):	$
Other Cost (expense items other than FTEs & support costs, i.e. indirect costs if applicable, etc.):	$
A. Total Annual Pre-Project Cost:	N/A – new program
Annual Post-Project Cost – How You Propose to Perform the Function(s)	
FTE Cost:	$
Support Cost (i.e. office supplies, telephone, pagers, travel, etc.):	$
Other Cost (expense items other than FTEs & support costs, i.e. indirect costs if applicable, etc.):	$
B. Total Annual Post-Project Cost:	$
State Government Benefit (= A-B):	N/A – new program
Annual Benefit Summary	
State Government Benefit:	$
Citizen Benefit:	$
Opportunity Value or Risk/Loss Avoidance Benefit:	$3,500,00 of future tax cost
C. Total Annual Project Benefit:	$3,500,000
D. Annual Prorated Cost (SECTION IV-A):	$1,100,000
Benefit / Cost Ratio: (C / D) =	
Return On Investment (ROI): (C – D / Requested Project Funds) x 100 =	**%**
☐ **Benefits Not Readily Quantifiable**	

Section V: ITC Project Evaluation Criteria

Criteria and Location in Project Evaluation Document		Points
1.	Is the project a statutory requirement; legal requirement; federal or state mandate; health, safety or security requirement or issue; and/or required for compliance with the enterprise technology standards? **Location: Section I-A**	**15**
2.	Will the project improve customer service? **Location: Section I-B.2**	**15**
3.	Does the project have a direct impact on citizens? To what extent does the project help reconnect state government with Iowans? **Location: Section I-B.3**	**10**
4.	Does the project provide a sufficient tangible and/or intangible return on investment? Will it generate savings or income? **Location: Section IV-C**	**10**
5.	Does the project make use of information technology and its practical application in reengineering traditional government processes consistent with the goals and objectives of the state's strategic plans? **Location: Section I-B.1**	**10**
6.	Risk: What are the risks associated with the project? Such risks may include those internal and external to state government, the risk of doing a project, the risk of not doing a project, and the risks associated with changing technologies, potential cost overruns, and changing citizen demands and needs. **Location: Section II-B.5**	**10**
7.	Is this funding required to continue a project that was begun prior to the year funding is being requested for and does it have proven past performance? Is the funding part of a multi-year strategy? **Location: Section II-B1, IVB2**	**10**
8.	Will the project be for only one agency, multiple agencies, or the state government enterprise? **Location: Section I-B3, IIB4**	**10**
9.	Has the applicant maximized their own and other resources in the project? Is alternative funding unavailable for this project? (If no other funding available, project will not be completed without Pooled Technology funding) **Location: Section IV-B.2, IV-B.3**	**5**
10.	What is the credibility of the requester based on past performance on other projects? **Location: Section II-A.2.d**	**5**
	Total	**100**

Return on Investment

COST AVOIDANCE EXHIBIT

Background
The criminal justice components of the Executive and Legislative branches of Iowa government have agreed to share data on offenders electronically through the data warehouse supported by the Iowa Technology Department.

Rational
The National Governors Association has recognized that "communication among law enforcement, the judicial branch, and corrections at the local, state, and federal levels remains a major challenge in maximizing the equity efficiency, and effectiveness of the national justice system."

The data warehouse approach places Iowa in a national leadership role in sharing data among criminal justice agencies; the savings in equity, and efficiency more than make up any cost the state has in developing the data warehouse.

Cost Avoidance
A primary focus of the data warehouse is to enable state policy makers to use information technology to solve problems that could not previously be addressed. Another focus of the data warehouse is to avoid duplicate and triplicate data entry, improve staff efficiency, and provide the most accurate information available to front line criminal justice staff. It is estimated that the data warehouse will have cost avoidance savings across Iowa government of between $1 million and $2 million per year once the system is operational.

The ICON Mercury build out of a total criminal justice system will accomplish the following.

- Avoid building a new prison because offender risk levels will be known and assignment made to the appropriate level.
- Governor's initiative for criminal justice data sharing will be accomplished.
- Legislative mandate will be accomplished.
- Governor's initiative that is recommended in budget.
- Public Safety issue.
- Ability to share criminal justice data with courts, Public Safety, Governor, Legislature, Human Services, Work Force Development, and Criminal Juvenile Justice Planning (CJJP)
- Ability to tell judges what works with offenders and what does not work.
- Completing the ICON system will allow communication between Community-Based Corrections and institutions about offenders thereby avoiding the current duplication of data collection.
- Maximize the State's investment in data warehouse technology. Currently, DOC cannot share data with the warehouse from our existing data system.
- Avoids huge future cost for Iowa.